

303(d) List of Impaired Waters 2002 List Update

Public Workshop

April 4, 2001

presented by

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California Regional Water Quality Control Board

San Diego Region

Workshop Objectives

- ▷ Background
- ▷ Listing & Delisting Criteria
- ▷ 2002 Update Process & Schedule
- ▷ Type of Supporting Information & Data
- ▷ Questions & Comments
- ▷ RWQCB Contact Information

Background

What is our mission?

To preserve and enhance water quality and protect its beneficial uses.



Background

Beneficial Uses



California Regional Water Quality
Control Board

Background

Section 303(d) of the federal Clean Water Act requires States, Territories and authorized Tribes to submit to USEPA once every two years,

- ▷ List of impaired waters
- ▷ Pollutant(s) causing impairments
- ▷ Priority ranking of impaired waters
- ▷ TMDL development schedule

Background

<u>Year</u>	<u>Region 9 303d Listed Waters</u>	<u>Statewide 303d Listed Waters</u>
▷ 1976	2	<20
▷ 1988	8	75
▷ 1990	15	250
▷ 1998	36	509
▷ 2000	**list update not required**	
▷ 2002	**update in progress**	

Current List of Impaired Waters for San Diego Region 9

Coastal Shoreline

- ▷ 17 listings
- ▷ ~6 total miles
- ▷ all for coliform



Lagoons & Estuaries

- ▷ 10 listings
- ▷ ~ 900 total acres
- ▷ coliform, sediment, eutrophication & nutrients



Current List of Impaired Waters for San Diego Region 9

Lakes & Reservoirs

- ▷ 1 listing
- ▷ 25 total acres
- ▷ eutrophication



Rivers & Streams

- ▷ 6 listings
- ▷ ~ 21 miles
- ▷ metals, toxicity & eutrophication



Current List of Impaired Waters for San Diego Region 9

Bays

- ▷ ~222 acres in San Diego Bay
- ▷ listed for copper, sediment toxicity & degraded benthic communities
- ▷ ~1540 acres in Mission Bay
- ▷ listed for coliform, eutrophication & lead



Listing Criteria

- ▷ Technology-based effluent limits not stringent enough
- ▷ Advisories in effect
- ▷ Impaired beneficial uses
- ▷ Previously listed
- ▷ Exceedance of fish tissue concentrations
- ▷ Water quality is of such concern that the Regional Board determines the water body needs to be afforded a level of protection offered by the 303(d) list

De-Listing Criteria

- ▷ Objectives being met & beneficial uses not impaired
- ▷ Faulty data led to initial listing
- ▷ TMDL approved by USEPA
- ▷ Objectives revised & exceedance thereby eliminated
- ▷ Control measures in place

Prioritizing & Scheduling

Ranking for TMDL Development (high, medium, low priority)

- ▷ **Water body significance**
- ▷ **Degree of impairment or threat**
- ▷ **Conformity with related watershed activities**
- ▷ **Potential for beneficial use**
- ▷ **Degree of public concern**
- ▷ **Available information**

Prioritizing & Scheduling

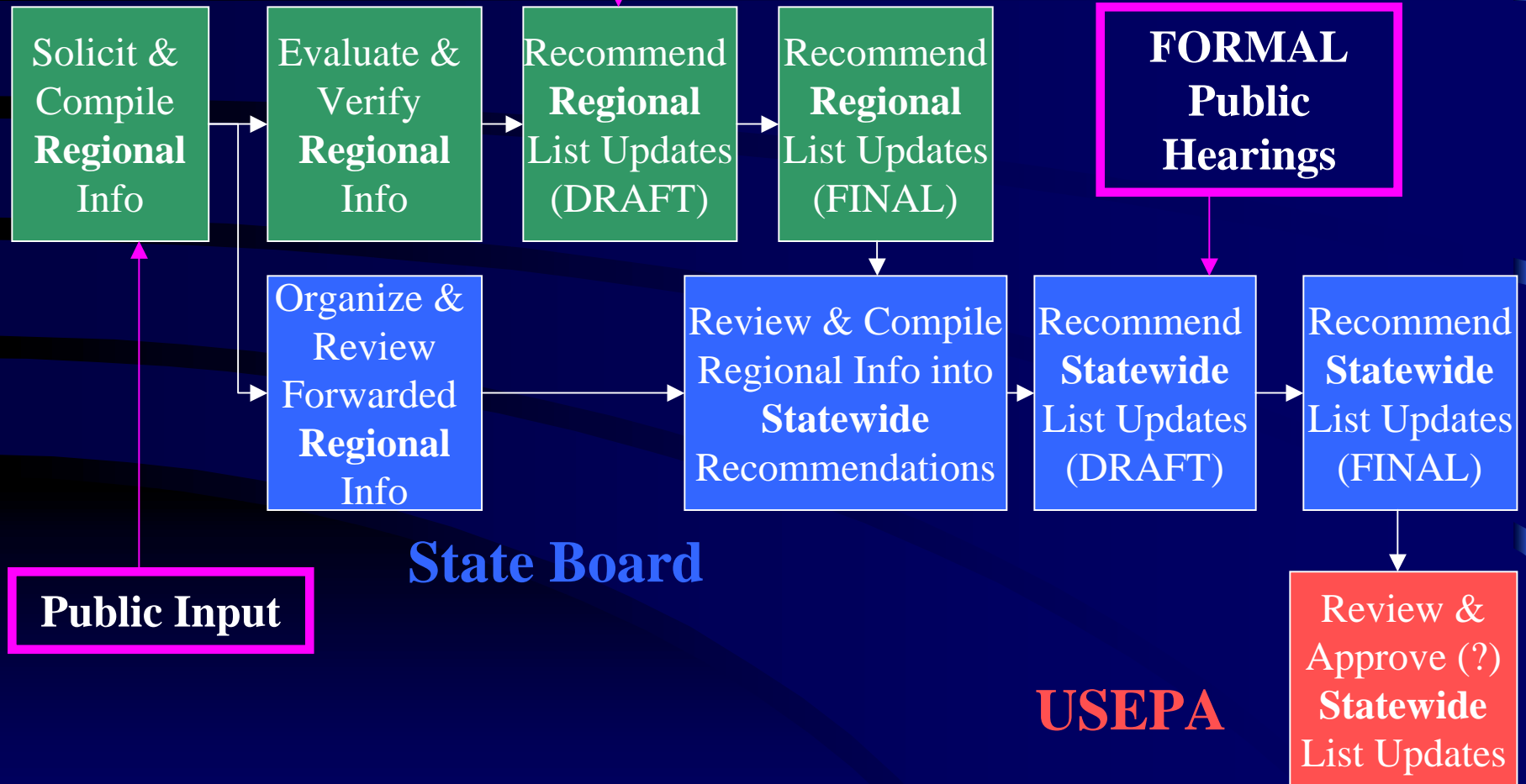
Levels for TMDL Scheduling

- ▷ Level 1 - substantial progress within next 2 years
- ▷ Level 2 - initiate within next 5 years
- ▷ Level 3 - provide tentative schedules within 13 years

2002 Update Process

Regional Boards

Public Input



2002 Update Schedule

Date

Activities

- | | | |
|------------------------|-----------------------------------------------------------------------|--------------|
| ▷ March - May 15, 2001 | RWQCBs Solicit for Information/Data | Public Input |
| ▷ April - June 2001 | RWQCBs Review & Evaluate Information/Data | |
| ▷ July 2001 | RWQCBs Draft Recommendations for List Update | |
| ▷ August 2001 | RWQCBs Solicit Input on Draft Recommendations | Public Input |
| ▷ October 2001 | RWQCBs Send Final Recommendations to SWRCB | |
| ▷ Winter 2001-2002 | SWRCB Drafts Statewide Updates | |
| ▷ Winter/Spring 2002 | SWRCB Conducts Formal Public Hearings Statewide | Public Input |
| ▷ April 2002 | SWRCB Submits Final Statewide Update to USEPA | |
| ▷ April - May 2002 | USEPA Reviews, Revises, Approves SWRCB's Final Statewide List Updates | |

Type of Information & Data

“Information” is any documentation describing the current or anticipated water quality condition of a surface water body.

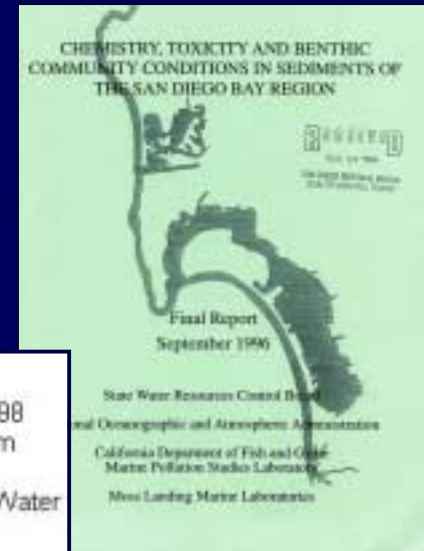
“Data” is considered to be a subset of information that consists of reports of measurements of specific environmental characteristics.

Type of Information & Data

- ▷ All readily available
- ▷ Generated since July 1997
- ▷ Pertaining to physical, chemical and/or biological conditions of the Region's waters or watersheds

Type of Information & Data

Some Examples....



Type of Information

Submittals should include...

- ▷ Name, address, phone no. & email address
- ▷ 2 hard copies & 1 electronic copy of the information
- ▷ Identification of software used
- ▷ Bibliographic citations
- ▷ Model outputs with calibration & quality assurance information
- ▷ Description & your interpretation of the information

Type of Data

Data submitted should include...

- ▷ **Name, address, phone no. & email address**
- ▷ **1 Electronic copy of data**
- ▷ **Identification of software used**
- ▷ **Definitions of abbreviations and codes**
- ▷ **2 Hard copies of data**
- ▷ **Bibliographic citations**
- ▷ **Quality assurance procedures**
- ▷ **Description & your interpretation of the data**
- ▷ **Name of Citizen Monitoring Group & description of training (if applicable)**

Questions?

Comments?

Contact Information

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